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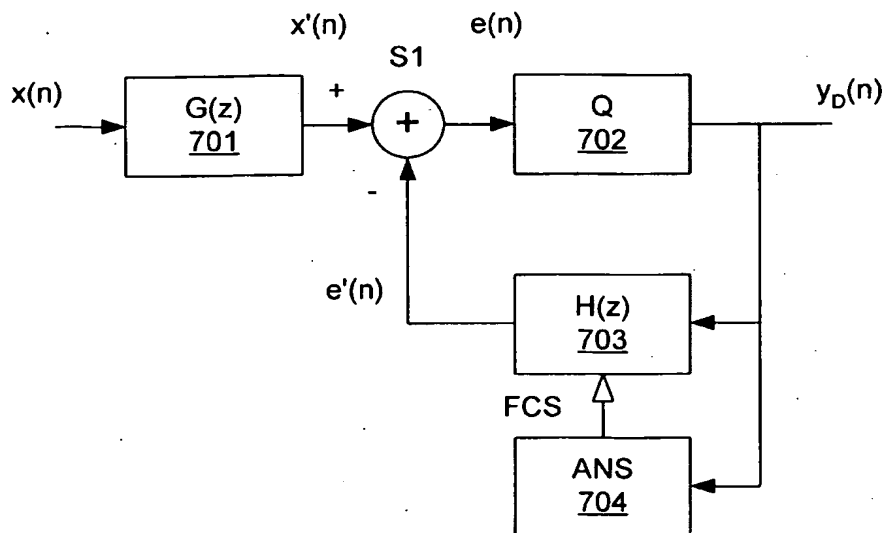
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(54) Title: **SIGMA DELTA MODULATOR**



(57) Abstract: A method of controlling a sigma delta modulator with a loop which establishes a signal transfer function, STF, and a quantization noise transfer function, NTF, of the sigma delta modulator, wherein the sigma delta modulator receives an input signal, $x(n)$, and provides a modulated output signal, $y(n)$ in response to the input signal. The method is characterized in comprising the step of controlling the sigma delta modulator to change the quantization noise transfer function, NTF, in response to a signal feature, $A(n)$, which is correlated with the input signal.

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